

**SHERWIN-WILLIAMS**



**CHEMICALLY  
EVOLVED  
MATERIALS**

**SHERWIN-WILLIAMS**  
**KEM ART METAL FINISHES**



# **SHERWIN-WILLIAMS**

## **KEM ART METAL FINISHES**

The most outstanding feature of Sherwin-Williams Kem Art Metal Finishes is their practicability. Specially evolved resins lend excellent working qualities as well as beauty to the tough, durable finishes.

S-W Kem Art Metal Finishes are furnished in rich, distinctive shades of uniform texture that add sales appeal to many articles. Almost any type of metal may be finished with S-W Kem Art Metal Finishes—for example, steel, black iron, cast iron, galvanized iron, terne plate, aluminum sheet, cast aluminum, etc. One feature of considerable appeal to manufacturers is the ability of this material to obliterate small surface imperfections in the metal.

These finishes can also be used on wood. However, well-seasoned wood is essential to avoid difficulties in finishing. There are two precautions which are recommended to avoid danger of blistering the finish during baking.

No. 1—Pre-bake the wood for approximately 2 hours at 225° F. and finish with Kem Art Metal Finish as soon as wood is cool.

No. 2—This recommendation is preferred: Wood should be of well-seasoned stock. Apply one spray coat of S-W Kem White Surfacer No. 820, reduced 25 per cent with Kem Reducer No. 75 (02975).

Air-dry surfacer for 10 to 15 minutes and bake for 1 hour at 225° F. or air dry overnight.

**FINISH COAT:** Spray one medium-full wet coat of Kem Art Metal Finish as directed under regular system above. Bake for 1 to 1½ hours at 225° F.

**SPRAY TECHNIQUE:** The best results are secured by applying a light coat followed by a medium-full wet coat. Be sure to use sufficient pressure for proper atomization.

**HIGH TEMPERATURE BAKING:** If the oven is being used at temperatures higher than 275° F., it should be cooled to 250°-275° F. before recharging with fresh pieces. Wrinkle forms best at 200°-275° F.

S-W Kem Art Metal Finishes fit into the modern high speed production schedules.

Light and dark colors can be baked simultaneously in the same oven, eliminating special handling. Practically any type of well ventilated oven may be employed, either direct or indirect gas, electric, oil, or steam. S-W Kem



# SHERWIN-WILLIAMS Kem-finishes

Chemically Evolved Materials

## Art Metal Finishes



GLOSS BLACK



DULL BLACK



EX. GLOSS BLACK



MOHAWK RED



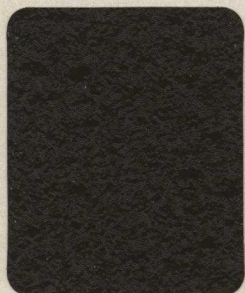
SILVER



IVORY



LETTUCE GREEN



PLATINUM GRAY



SKY BLUE



MARIGOLD



LIZARD BROWN



MAROON



SAPPHIRE BLUE



SHAMROCK GREEN



GRAY GREEN



DARK BROWN



TOBACCO BROWN



SLATE GRAY



OLIVE GREEN

SUPPLIED IN DOUBLE-COMPARTMENT PACKAGES

ALSO WHITE, TINTING WHITE AND CLEAR

● One coat finish — No undercoat required



● Uniform in texture

● A practical production finish

● Tough and durable — very good mar-resistance



Art Metal Finishes should be baked at one of the schedules in this chart as follows:

200° F.	225° F.	250° F.	275°-300° F.
1-2 hrs.	1-1½ hrs.	½-1 hr.	½ hr.

For maximum hardness, temperatures of 250 degrees or over should be used. Likewise, where a range of time is indicated, baking for a longer period develops greater hardness and toughness.

Long baking tends to discolor delicate tints.

Kem Art Metal can also be baked by Infra-Red Equipment. However, as each Infra-Red installation is somewhat different, no general recommendations can be given but must be worked out on the job.

S-W Company's Technical staff will be glad to cooperate if an Infra-Red baking set-up is used.

An air drying period of not less than 15 minutes or more than 3 or 5 hours should be allowed prior to baking.

The darker shades are highly resistant to heat and accordingly are most adaptable for use on furnaces, boilers, heaters, lamps, etc.

S-W Kem Art Metal Finishes present many possibilities for variegated effects. Apply a solid coat of one color — then spatter, high light, or smoke with a second color and bake the two coats in one operation. Kem Art Metal Clear can be used as a ground coat for bronze or other special effects.

Kem Art Metal Finishes may be intermixed. As a means to further enlarge the color possibilities, a Tinting White is included.

Almost any metal stamping or casting for interior use can be satisfactorily finished with S-W Kem Art Metal Finishes. A few specific samples are:

Auto Radios  
Heaters  
Furnaces  
Instruments  
Toys  
Lamps

Electric Appliances  
Flower Stands  
Display Racks  
Typewriters  
Small Bench Machines  
Vanity Cases

Metal Partitions  
Tool Boxes  
Hardware  
Clocks  
Smoking Stands  
Ash Trays, etc.



# **THE SHERWIN-WILLIAMS Co.**

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